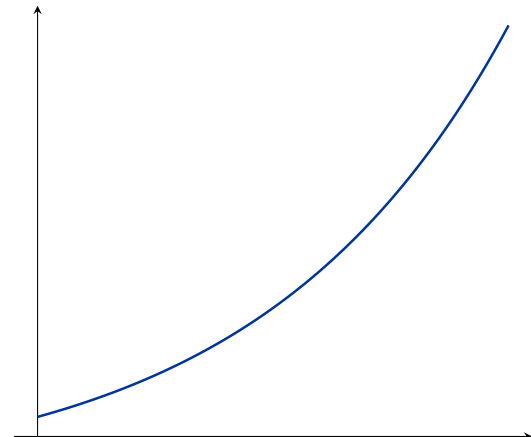


concave up if $f'(x)$ is increasing



concave down if $f'(x)$ is decreasing

